

# FEDERAL COMMUNICATIONS COMMISSION

CLASS OF STATION FM

PAS

The following application is submitted for action by the Chief, Broadcast Bureau.

ST	FILE NUMBER	CALL	APPLICANT AND LOCATION	NATURE OF APPLICATION
PR	BPH -911115MP N/M	NEW 106.5MHZ	LLOYD SANTIAGO-SANTOS & LOURDES CULEBRA PR	CP FOR NEW FM ON: FREQ: 106.5 MHZ., ERP: 6.0 KW (H&V) HAAT: 25 METERS (H&V) 18 18 12 65 18 09

LICENSE EXPIRATION DATE \_\_\_\_\_

Patrice Scott  
CHIEF, LICENSE DIVISION

RECOMMENDATION: GRANT( ) CONSTRUCTION DATES, START \_\_\_\_\_ END \_\_\_\_\_  
 CONTESTED ( ) UNCONTESTED ( )

APPROVED \_\_\_\_\_

\_\_\_\_\_  
FOR CHIEF, BROADCAST BUREAU

F.C.C.-WASHINGTON, D.C.

ORIGINAL

FCC/MELLON NOV 15 1991

Approved by OMB  
3060-0440  
Expires 2/28/93

FEDERAL COMMUNICATIONS COMMISSION  
**FEE PROCESSING FORM**

FOR  
FCC  
USE  
ONLY

11-18-91 8195948 001

Please read instructions on back of this form before completing it. Section I MUST be completed. If you are applying for concurrent actions which require you to list more than one Fee Type Code, you must also complete Section II. This form must accompany all requests. Only one Fee Processing Form may be submitted per application or filing. Please type or print.

## INSTRUCTIONS FOR COMPLETING FEE PROCESSING FORM, FCC FORM 155, March 1991

- (1) **"Applicant Name"** - Enter the name (last, first, middle initial) of the applicant as it appears on the original application or filing being submitted with this Fee Processing Form. If company, enter name which is used commercially.
- (2) **"Mailing Address (Line 1)"** - Enter the street address or post office box number to which the applicant wishes correspondence sent.
- (3) **"Mailing Address (Line 2)"** - This line may be used for further identification of the address if additional space is required.
- (4) **"City"** - Enter the name of the city associated with the given street address.
- (5) **"State or Country"** - Enter the appropriate two-digit state abbreviation as prescribed by the U.S. Postal Service. If address is foreign, enter the appropriate country name here.
- (6) **"ZIP Code"** - Enter the appropriate five or nine-digit ZIP code prescribed by the U.S. Postal Service.
- (7) **"Call Sign or Other FCC Identifier"** - Enter an applicable call sign or unique FCC identifier, if any, as shown on your attached application or filing. If applying for a service affecting more than one call sign, enter one call sign only.
- (8) **Column (A), "Fee Type Code"** - Enter correct Fee Type Code(s) from the appropriate Fee Filing Guide. Only one Fee Processing Form may be submitted per application or filing. Inaccurate or erroneous Fee Type Codes may result in your application or filing being returned to you without further processing.
- (9) **Column (B), "Fee Multiple"** - Certain applications and filings may request action with respect to more than one station, license, frequency, or party and can be submitted together with one check if they meet specific conditions. This column is used only if a multiple, i.e., two or more, is being applied for. Examples of when this would be used are renewing more than one call sign, frequency, station, or the transfer of control of more than one station. Refer to the appropriate Fee Filing Guide for additional information.
- (10) **Column (C), "Fee Due For Fee Type Code in Column (A)"** - Enter in this block the amount of the fee associated with the Fee Type Code shown in Column (A) (times (x) the fee multiple, if required).
- (11) **"Total Amount Remitted With This Application or Filing"** - Enter the total of lines (1) through (5) of Column (C). This amount should equal the amount of your check or money order. We will not accept multiple checks.

### HOW TO SUBMIT APPLICATIONS AND FILINGS

- o Each application or filing should be assembled with the Fee Processing Form, FCC Form 155, stapled to the top of the application with the check placed on top of the Fee Processing Form. **DO NOT STAPLE THE CHECK TO THE APPLICATION OR FEE PROCESSING FORM, FCC FORM 155.** Required copies of applications should be clearly identified as "duplicate copy" and placed behind the original package. **"Stamp and receipt" copies should be placed on top of the original package and CLEARLY identified as return copies.** Extraneous material and extra copies should be avoided at all times. Failure to follow these instructions will delay the processing of your submission.
- o Completed applications or filings should be mailed to the proper address shown in the Fee Filing Guide for the particular service for which you are applying or making a filing. All applications and filings must be properly addressed to the appropriate P.O. box number, even if hand delivered to the address listed below. Applications received before midnight on a normal business day will receive that day's date as the receipt date. Deliveries made after midnight on Fridays will not be "officially" receipted until the next Monday. Applications received on weekends and government holidays are dated the next regular business day.
- o A single check, bank draft or money order made payable to the Federal Communications Commission and denominated in U.S. dollars and drawn upon a U.S. financial institution must be included with each application or filing requiring a fee. No postdated, altered or third-party checks will be accepted. Do not send cash.
- o Parties hand delivering applications or filings may receive dated receipt copies by presenting copies of the applications or filings to the acceptance clerk at the time of delivery. Receipts will be provided for mail-in applications or filings if an extra copy of the application or filing is provided along with a self-addressed stamped envelope. Only one piece of paper per application or filing will be stamped for receipt purposes.

### REMEMBER

- o A separate completed Fee Processing Form is required with each application or filing except in certain circumstances. Please refer to the appropriate Fee Filing Guide for additional information.
- o A wrong Fee Type Code or incorrect remittance may result in your application or filing being returned without processing, or result in the dismissal of your application or filing. Please ensure that FEE TYPE CODES are correct and that your check or money order equals the amount shown in the TOTAL AMOUNT REMITTED WITH THIS APPLICATION OR FILING block before submitting your application or filing.
- o If you have any questions completing this form, please call the Fees Hotline, 202/632-FEES.

### FCC NOTICE FOR INDIVIDUALS REQUIRED BY THE PRIVACY ACT AND THE PAPERWORK REDUCTION ACT

Part 1, Subpart G of the Commission's rules authorize the FCC to request the information on this form. The information requested is required in order to obtain a license or authorization from the Commission. The purpose of the information is to provide a means to link a fee payment to a specific invoice, application or filing. The information will be used by the Commission to maintain data concerning fees paid to the Commission, for internal financial control, audit, and reporting purposes. Information requested on this form will be available to the public. Your response is required to obtain a license or other authorization from the Commission.

Public reporting burden for this collection of information is estimated to average 10 minutes per response, including the time for reviewing instructions, searching data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Federal Communications Commission, Office of Managing Director, Washington, DC 20554, and to the Office of Management and Budget, Paperwork Reduction Project (3060-0440), Washington, DC 20503.

This address is for hand carry  
or courier delivery only:



Federal Communications Commission  
c/o Mellon Bank  
Three Mellon Bank Center  
525 William Penn Way  
27th Floor, Rm. 153-2713  
Pittsburgh, Pennsylvania  
(Attention: Wholesale Lockbox Shift Supervisor)

O'CONNOR & HANNAN

ATTORNEYS AT LAW

SUITE 800  
1919 PENNSYLVANIA AVENUE N.W.  
WASHINGTON, D.C. 20006-3483  
(202) 887-1400

TELEX 89-7420  
TELECOPIER (202) 466-2198

AUDREY P. RASMUSSEN

MINNEAPOLIS OFFICE  
3800 IDS CENTER  
80 SOUTH EIGHTH STREET  
MINNEAPOLIS, MN 55402-2254  
(612) 341-3800

DENVER OFFICE  
SUITE 4700  
ONE UNITED BANK CENTER  
1700 LINCOLN STREET  
DENVER, CO 80203-4847  
(303) 830-1700

MADRID OFFICE  
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28001 MADRID, SPAIN  
OII 34 1 431-31-00  
TELEX 23543  
TELECOPIER  
OII 34 1 431 8576

November 15, 1991

**TIME CRITICAL**

Federal Communications Commission  
c/o Mellon Bank  
Three Mellon Bank Center  
525 William Penn Way  
27th Floor, Room 153-2713  
P.O. Box 358195  
Pittsburgh, PA 15251-5195

Re: Lloyd Santiago-Santos and Lourdes Rodriguez  
Bonet; Application for Construction Permit  
for New FM Broadcast Station for Culebra,  
Puerto Rico, to Operate on Channel 293A

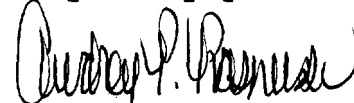
Attention Wholesale Lockbox Shift Supervisor:

Transmitted herewith, in triplicate, is an application on FCC Forms 301 for a construction permit for a new commercial broadcast station to be located at Culebra, Puerto Rico. This application is being filed in response to Window Notice, DA 91-1085, released August 30, 1991. The window period closes on November 15, 1991; as such this application is timely filed.

A check in the amount of \$2,030.00 made payable to the Federal Communications Commission for filing fees is enclosed.

Any questions concerning the enclosed material should be directed to the undersigned.

Very truly yours,



Audrey P. Rasmussen

APR:lkp

Encls.



**Section II - LEGAL QUALIFICATIONS**

Name of Applicant

Lloyd Santiago-Santos and Lourdes Rodriguez Bonet

1. Applicant is: (check one box below)

☐ Individual☒ General partnership☐ For-profit corporation☐ Other☐ Limited partnership☐ Not-for-profit corporation

2. If the applicant is an unincorporated association or a legal entity other than an individual, partnership, or corporation, describe in an Exhibit the nature of the application.

Exhibit No.  
DNA

NOTE: The terms "applicant," "parties to this application," and "non-party equity owners in the applicant" are defined in the instructions for Section II of this form. Complete information as to each "party to this application" and each "non-party equity owner in the applicant" is required. If the applicant considers that to furnish complete information would pose an unreasonable burden, it may request that the Commission waive the strict terms of this requirement with appropriate justification.

3. If the applicant is not an individual, provide the date and place of filing of the applicant's enabling charter (eg., a limited partnership must identify its certificate of limited partnership and a corporation must identify its articles of incorporation by date and place of filing):

Date \_\_\_\_\_ Place \_\_\_\_\_

In the event there is no requirement that the enabling charter be filed with the state, the applicant shall include the enabling charter in the applicant's public inspection file. If, in the case of a partnership, the enabling charter does not include the partnership agreement itself, the applicant shall include a copy of the agreement in the applicant's public inspection file.

4. Are there any documents, instruments, contracts or understandings (written or oral), other than instruments identified in response to Question 3 above, relating to future ownership interests in the applicant, including but not limited to, insulated limited partnership shares, nonvoting stock interests, beneficial stock ownership interests, options, rights of first refusal, or debentures?

☐ Yes ☒ No

If Yes, submit as an Exhibit all such written documents, instruments, contracts, or understandings, and provide the particulars of any oral agreement.

Exhibit No.  
DNA

5. Complete, if applicable, the following certifications:

(a) Applicant certifies that no limited partner will be involved in any material respect in the management or operation of the proposed station.

N/A  
☐ Yes ☐ No

If No, applicant must complete Question 6 below with respect to all limited partners actively involved in the media activities of the partnership.

(b) Does any investment company (as defined in 15 U.S.C. Section 80 a-3), insurance company, or trust department of any bank have an aggregated holding of greater than 5% but less than 10% of the outstanding votes of the applicant?

☐ Yes ☒ No

If Yes, applicant certifies that the entity holding such interest exercises no influence or

N/A  
☐ Yes ☐ No

**Section II - LEGAL QUALIFICATIONS (Page 2)**

6. List the applicant, parties to the application and non-party equity owners in the applicant. Use one column for each individual or entity. Attach additional pages if necessary.

*(Read carefully - The numbered items below refer to line numbers in the following table.)*

- |   |   |
|---|---|
| <p>1. Name and residence of the applicant and, if applicable, its officers, directors, stockholders, or partners (if other than individual also show name, address and citizenship of natural person authorized to vote the stock). List the applicant first, officers next, then directors and, thereafter, remaining stockholders and partners.</p> <p>2. Citizenship.</p> <p>3. Office or directorship held.</p> <p>4. Number of shares or nature of partnership interests.</p> <p>5. Number of votes.</p> | <p>6. Percentage of votes.</p> <p>7. Other existing attributable interests in any broadcast station, including the nature and size of such interests.</p> <p>8. All other ownership interests of 5% or more (whether or not attributable), as well as any corporate officership or directorship, in broadcast, cable, or newspaper entities in the same market or with overlapping signals in the same broadcast service, as described in 47 C.F.R. Section 73.3555 and 73.501, including the nature and size of such interests and the positions held.</p> |
|---|---|

1.	Lloyd Santiago-Santos Marina Bahia Plaza 9RB35 Catano, P.R. 00632	Lourdes Rodriguez Bonet Marina Bahia Plaza 9RB35 Catano, P.R. 00632	
2.	USA	USA	
3.	General Partner	General Partner	
4.	50%	50%	
5.	50%	50%	
6.	50%	50%	
7.	None	None	
8.	None	None	

Section 11 - LEGAL QUALIFICATIONS (Page 3)

7. Does the applicant, any party to the application or any non-party equity owner in the applicant have, or have they had, any interest in:

(a) a broadcast station, or pending broadcast station application before the Commission?

☐ Yes ☒ No

(b) a broadcast application which has been dismissed with prejudice by the Commission?

☐ Yes ☒ No

(c) a broadcast application which has been denied by the Commission?

☐ Yes ☒ No

(d) a broadcast station, the license of which has been revoked?

☐ Yes ☒ No

(e) a broadcast application in any pending or concluded Commission proceeding which left unresolved character issues against the applicant?

☐ Yes ☒ No

If the answer to any of the questions in (a)-(e) above is Yes, state in an Exhibit the following information:

Exhibit No.  
DNA

(1) Name of party having interest;

(2) Nature of interest or connection, giving dates;

(3) Call letters of stations or file number of application or docket; and

(4) Location.

8. (a) Are any of the parties to the application or non-party equity owners in the applicant related (as husband, wife, father, mother, brother, sister, son or daughter) to each other?

☒ Yes ☐ No

(b) Does any member of the immediate family (i.e., husband, wife, father, mother, brother, sister, son or daughter) of any party to the application or non-party equity owner in the applicant have any interest in or connection with any other broadcast station, pending broadcast application or newspaper in the same area. (see Section 73.3555(c)) or, in the case of a television station applicant only, a cable television system in the same area (see Section 76.501(a))?

☐ Yes ☒ No

If the answer to (a) or (b) above is Yes, attach an Exhibit giving full disclosure concerning the persons involved, their relationship, the nature and extent of such interest or connection, the file number of such application, and the location of such station or proposed station.

Exhibit No.  
1

9. State in an Exhibit any interest the applicant or any party to this application proposes to divest in the event of a grant of this application.

Exhibit No.  
DNA

OTHER MASS MEDIA INTERESTS

10. (a) Do individuals or entities holding nonattributable interests of 5% or more in the applicant have an attributable ownership interest or corporate officership or directorship in a broadcast station, newspaper or CATV system in the same area? (See Instruction B to Section 11.)

N/A  
☐ Yes ☐ No

(b) Does any member of the immediate family (i.e., husband, wife, father, mother, brother, sister, son or daughter) of an individual holding a nonattributable interest of 5% or more in the applicant have any interest in or connection with any other broadcast station, pending broadcast application, newspaper in the same area (see Section 73.3555(c)), or, in the case of a television station applicant only, a cable television system in the same area (see Section 76.501(a))?

N/A  
☐ Yes ☐ No

If the answer to (a) and/or (b) above is Yes, attach an Exhibit giving a full disclosure concerning the persons involved, their relationship, the nature and extent of such interest or connection, the file number of such application, and the location of such station or proposed station.

N/A  
Exhibit No.



Section II - LEGAL QUALIFICATIONS (Page 4)

CITIZENSHIP AND OTHER STATUTORY REQUIREMENTS

11. (a) Is the applicant in violation of the provisions of Section 310 of the Communications Act of 1934, as amended, relating to interests of aliens and foreign governments? (See Instruction C to Section II.)

☐ Yes ☒ No

(b) Will any funds, credits or other financial assistance for the construction, purchase or operation of the station(s) be provided by aliens, foreign entities, domestic entities

☐ Yes ☒ No

# SECTION III - FINANCIAL QUALIFICATIONS

NOTE: If this application is for a change in an operating facility do not fill out this section.

1. The applicant certifies that sufficient net liquid assets are on hand or that sufficient funds are available from committed sources to construct and operate the requested facilities for three months without revenue.

☒ Yes ☐ No

2. State the total funds you estimate are necessary to construct and operate the requested facility for three months without revenue.

\$ 125,000.00

3. Identify each source of funds, including the name, address, and telephone number of the source (and a contact person if the source is an entity), the relationship (if any) of the source to the applicant, and the amount of funds to be supplied by each source.

Source of Funds (Name and Address)	Telephone Number	Relationship	Amount
Lloyd Santiago-Santos Lourdes Rodriguez Bonet Marina Bahia Plaza 9RB35 Catano, P.R. 00632	(809) 788-4613	Applicants	\$65,000.00
Isabel Rodriguez Central Street, 662, Apt. 3B Miramar, P.R. 00907	(809) 723-4442	Mother of Lourdes Rodriguez Bonet	\$30,000.00
Raul Santiago Roman Doctor Salas 159 Arecibo, P.R. 00612	(809) 878-1458	Father of Lloyd Santiago- Santos	\$30,000.00

#### Section IV-A - PROGRAM SERVICE STATEMENT

Attach as an Exhibit, a brief description, in narrative form, of the planned programming service relating to the issues of public concern facing the proposed service area.

Exhibit No.  
2

#### Section IV-B - INTEGRATION STATEMENT

Attach as an Exhibit the information required in 1. and 2. below.

Exhibit No.  
3

1. List each principal of the applicant who, in the event of a grant of the application on a comparative basis proposes to participate in the management of the proposed facility and, with respect to each such principal, state whether he or she will work full-time (minimum 40 hours per week) or part-time (minimum 20 hours per week) and briefly describe the proposed position and duties.
2. State with respect to each principal identified in response to Item 1. above, whether the applicant will claim qualitative credit for any of the following enhancement factors:

(a) Minority Status

(b) Past Local Residence

If Yes, specify whether in the community of license or service area and the corresponding dates.

(c) Female Status

(d) Broadcast Experience

If Yes, list each employer and position and corresponding dates.

(e) Daytime Preference

**EXHIBIT NO. 1**

**RELATED PARTIES IN APPLICATION**

Lloyd Santiago-Santos and Lourdes Rodriguez Bonet are husband and wife.

**EXHIBIT NO. 2**

**PROGRAMMING STATEMENT**

The Applicant proposes a news, music and sports programming format.

The Applicant will also provide public affairs programming, which will be designed to be responsive to the ascertained needs and interests of the community of license.

### **EXHIBIT NO. 3**

#### **INTEGRATION STATEMENT**

Both Lloyd Santiago-Santos and Lourdes Rodriguez Bonet will be integrated into the management and operation of the proposed station on a fulltime (minimum 40 hours per week), permanent basis. Lourdes Rodriguez Bonet will be the General Manager. Her duties will include supervision of all phases of station operation, including overall supervision of the performance of all station employees in their assigned duties. All management level employees, except the Sales Department, will report directly to her. Her duties will also include overseeing the continuing ascertainment of community needs and interests and formulating responsive programming to meet those needs and interests; formulating station policy and assuring station compliance with Commission's Rules and Regulations. She will claim qualitative credit for: her proposed future residence in the community of license, her female status and her broadcast experience, as follows:

1979 - 1981

WQBS, San Juan, Puerto Rico  
Accountant

Lloyd Santiago-Santos will be integrated into the management and operation of the proposed station as the Sales Manager. He will supervise sales personnel. Lloyd Santiago-Santos will claim qualitative credit for: his proposed future residence in the community of license and his broadcast experience, including the following positions:

1982 - 1991

WMSW (AM), Hatillo, Puerto Rico  
General Manager, Sales Manager

1981 - 1982

WQII, San Juan, Puerto Rico  
Sales

Section V-B - FM BROADCAST ENGINEERING DATA	FOR COMMISSION USE ONLY	
	File No.	_____
	ASB Referral Date	_____
	Referred by	_____

Name of Applicant

Lloyd Santiago-Santos and Lourdes Rodriguez Bonet

Call letters (if issued)

Is this application being filed in response to a window? ☒ Yes ☐ No

If Yes, specify closing date: November 15, 1991

Purpose of Application: (check appropriate boxes)

☒ Construct a new (main) facility☐ Construct a new auxiliary facility☐ Modify existing construction permit for main facility☐ Modify existing construction permit for auxiliary facility☐ Modify licensed main facility☐ Modify licensed auxiliary facility

If purpose is to modify, indicate below the nature of change(s) and specify the file number(s) of the authorizations affected.

☐ Antenna supporting-structure height☐ Effective radiated power☐ Antenna height above average terrain☐ Frequency☐ Antenna location☐ Class☐ Main Studio location☐ Other (Summarize briefly)

File Number(s) \_\_\_\_\_

## 1. Allocation:

Channel No.	Principal community to be served:		
	City (Pueblo)	County (Municipio)	State
293	Culebra	Culebra	PR

Class (check only one box below)

☒ A ☐ B1 ☐ B ☐ C3☐ C2 ☐ C1 ☐ C

## 2. Exact location of antenna.

(a) Specify address, city, county and state. If no address, specify distance and bearing relative to the nearest town or landmark.

Pedro Marquez Street #6, Culebra (Pueblo), Culebra (Municipio), Puerto Rico

(b) Geographical coordinates (to nearest second). If mounted on element of an AM array, specify coordinates of center of array. Otherwise, specify tower location. Specify South Latitude or East Longitude where applicable; otherwise, North Latitude or West Longitude will be presumed.

Latitude	18°	18'	12"	Longitude	65°	18'	09"
----------	-----	-----	-----	-----------	-----	-----	-----

3. Is the supporting structure the same as that of another station(s) or proposed in another pending application(s)? ☐ Yes ☒ No

If Yes, give call letter(s) or file number(s) or both. N/A

If proposal involves a change in height of an existing structure, specify existing height above ground level including antenna, all other appurtenances, and lighting, if any.

N/A

## SECTION V-B - FM BROADCAST ENGINEERING DATA (Page 2)

4. Does the application propose to correct previous site coordinates?

☐ Yes ☒ No

If Yes, list old coordinates. N/A

Latitude	0	'	"	Longitude	0	'	"
----------	---	---	---	-----------	---	---	---

5. Has the FAA been notified of the proposed construction?

☒ Yes ☐ No

If Yes, give date and office where notice was filed and attach as an Exhibit a copy of FAA determination, if available.

Exhibit No.

Date November 14, 1991 Office where filed San Juan

6. List all landing areas within 8 km of antenna site. Specify distance and bearing from structure to nearest point of the nearest runway.

Landing Area	Distance (km)	Bearing (degrees True)
(a) <u>Culebra (CPX)</u>	<u>1.3</u>	<u>349.7° T</u>
(b) _____	_____	_____

7. (a) Elevation: (to the nearest meter)

(1) of site above mean sea level; 2 meters(2) of the top of supporting structure above ground (including antenna, all other appurtenances, and lighting, if any); and 41 meters(3) of the top of supporting structure above mean sea level [(a)(1) + (a)(2)] 43 meters

(b) Height of radiation center: (to the nearest meter) H = Horizontal; V = Vertical

(1) above ground 37 meters (H)37 meters (V)(2) above mean sea level [(a)(1) + (b)(1)] 39 meters (H)39 meters (V)(3) above average terrain 25 meters (H)25 meters (V)

8. Attach as an Exhibit sketch(es) of the supporting structure, labelling all elevations required in Question 7 above, except item 7(b)(3). If mounted on an AM directional-array element, specify heights and orientations of all array towers, as well as location of FM radiator.

Exhibit No.  
Tech.

9. Effective Radiated Power:

(a) ERP in the horizontal plane

6.0 kW (H) 6.0 kW (V)



SECTION V-B - FM BROADCAST ENGINEERING DATA (Page 3)

10. Is a directional antenna proposed?

☐ Yes ☒ No

If Yes, attach as an Exhibit a statement with all data specified in 47 C.F.R. Section 73.316, including plot(s) and tabulations of the relative field.

Exhibit No.  
N/A

11. Will the proposed facility satisfy the requirements of 47 C.F.R. Sections 73.315(a) and (b)?

☒ Yes ☐ No

If No, attach as an Exhibit a request for waiver and justification therefor, including amounts and percentages of population and area that will not receive 8.16 mV/m service.

Exhibit No.  
N/A

12. Will the main studio be within the protected 8.16 mV/m field strength contour of this proposal?

☒ Yes ☐ No

If No, attach as an Exhibit justification pursuant to 47 C.F.R. Section 73.1125.

Exhibit No.  
N/A

13. (a) Does the proposed facility satisfy the requirements of 47 C.F.R. Section 73.207?

☒ Yes ☐ No

(b) If the answer to (a) is No, does 47 C.F.R. Section 73.213 apply?

N/A ☐ Yes ☐ No

(c) If the answer to (b) is Yes, attach as an Exhibit a justification, including a summary of previous waivers.

Exhibit No.  
N/A

(d) If the answer to (a) is No and the answer to (b) is No, attach as an Exhibit a statement describing the short spacing(s) and how it or they arose.

Exhibit No.  
N/A

(e) If authorization pursuant to 47 C.F.R. Section 73.215 is requested, attach as an Exhibit a complete engineering study to establish the lack of prohibited overlap of contours involving affected stations. The engineering study must include the following:

Exhibit No.  
N/A

- (1) Protected and interfering contours, in all directions (360 ), for the proposed operation.
- (2) Protected and interfering contours, over pertinent areas, of all short-spaced assignments, applications and allotments, including a plot showing each transmitter location, with identifying call letters or file numbers, and indication of whether facility is operating or proposed. For vacant allotments, use the reference coordinates as the transmitter location.
- (3) When necessary to show more detail, an additional allocation study utilizing a map with a larger scale to clearly show prohibited overlap will not occur.

15. Attach as an Exhibit a 7.5 minute series U.S. Geological Survey topographic quadrangle map that shows clearly, legibly, and accurately, the location of the proposed transmitting antenna. This map must comply with the requirements set forth in Instruction V. The map must further clearly and legibly display the original printed contour lines and data as well as latitude and longitude markings, and must bear a scale of distance in kilometers.

Exhibit No.  
Tech.

16. Attach as an Exhibit *(name the source)* a map which shows clearly, legibly, and accurately, and with the original printed latitude and longitude markings and a scale of distance in kilometers:

Exhibit No.  
Tech.

(a) the proposed transmitter location, and the radials along which profile graphs have been prepared;

(b) the 8.16 mV/m and 1 mV/m predicted contours; and

(c) the legal boundaries of the principal community to be served.

17. Specify area in square kilometers (1 sq. mi. - 259 sq. km.) and population (latest census) within the predicted 1 mV/m contour.

Area 43 sq. km. Population 1,265

18. For an application involving an auxiliary facility only, attach as an Exhibit a map *(Sectional Aeronautical Chart or equivalent)* that shows clearly, legibly, and accurately, and with latitude and longitude markings and a scale of distance in kilometers:

Exhibit No.  
N/A

(a) the proposed auxiliary 1 mV/m contour; and

(b) the 1 mV/m contour of the licensed main facility for which the applied-for facility will be auxiliary. Also specify the file number of the license.

19. Terrain and coverage data *(to be calculated in accordance with 47 C.F.R. Section 73.313)*

Source of terrain data: *(check only one box below)*

☐ Linearly interpolated 30-second database ☐ 7.5 minute topographic map

(Source: \_\_\_\_\_)

☒ Other *(briefly summarize)*

1:30,000 scale U.S.G.S. Topographic map entitled "Culebra and Adjacent Islands, P.R."

SECTION V-B - FM BROADCAST ENGINEERING DATA (Page 5)

Radial bearing (degrees True)	Height of radiation center above average elevation of radial from 8 to 16 km (meters)	Predicted Distances	
		To the 816 mV/m contour (kilometers)	To the 1 mV/m contour (kilometers)
*			
0	1	8.9	15.8
45	8	8.9	15.8
90	34	9.5	16.8
135 **	39	10.1	18.0
180	39	10.1	18.0
225	39	10.1	18.0
270	38	10.0	17.8
315	13	8.9	15.8

\*Radial through principal community, if not one of the major radials. This radial should NOT be included in the calculation of HAAT.

\*\*Not included in calculation of average values per 47 CFR 73.313(d)(2)(i).

20. Environmental Statement (See 47 C.F.R. Section 1.1301 et seq.)

Would a Commission grant of this application come within Section 1.1307 of the FCC Rules, such that it may have a significant environmental impact? ☐ Yes ☒ No

If you answer Yes, submit as an Exhibit an Environmental Assessment required by Section 1.1311.

Exhibit No.  
N/A

If No, explain briefly why not.

Categorically excluded per 47 CFR 1.1306.  
See Technical Narrative.

**CERTIFICATION**

I certify that I have prepared this Section of this application on behalf of the applicant and that after such preparation

***du Treil, Lundin & Rackley, Inc.***

A Subsidiary of A. D. Ring, P. C.

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**TECHNICAL EXHIBIT  
APPLICATION FOR FM CONSTRUCTION PERMIT  
LLOYD SANTIAGO-SANTOS AND  
LOURDES RODRIGUEZ BONET  
CULEBRA, PUERTO RICO**

**November 14, 1991**

**CH 293A      6 KW      25 M**

*du Treil, Lundin & Rackley, Inc.*

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TECHNICAL EXHIBIT  
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Technical Narrative

The technical exhibit of which this narrative is part was prepared on behalf of Lloyd Santiago-Santos and Lourdes Rodriguez Bonet, applicant for a new FM station on channel 293A in Culebra, Puerto Rico. The instant application is filed in response to the filing window (closes November 15, 1991) specified in Mass Media Docket No. 89-495 regarding allotment of channel 293A to Culebra, Puerto Rico. By means of this application, the applicant proposes to construct a self-supporting tower on an existing building and operate on channel 293A with effective radiated power of 6.0 kilowatts and antenna height above average terrain of 25 meters.

The proposal would not be subject to environmental processing in accordance with 47 CFR 1.1306.



### Allocation Considerations

The proposed site appears to meet the minimum distance separation requirements of 47 CFR 73.207 with respect to all existing and proposed stations and allotments. An allocation study showing the actual and required separations from pertinent stations and allotments is included as Figure 6.

### Coverage Contours

The predicted coverage contours were calculated in accordance with the provisions of 47 CFR 73.313. In accordance with current FCC practice, no consideration was given to terrain roughness correction factors.

The average terrain elevations from 3 to 16 kilometers from the proposed site along the standard eight radials evenly spaced at 45-degree intervals were determined from terrain profile graphs prepared in accordance with 47 CFR 73.313(d). Where all or part of the 3 to 16 kilometer portion of a radial extends over water, the provisions of 47 CFR 73.313(d)(2) were employed.

The antenna radiation center heights above average terrain in the individual radial directions and the effective radiated power were used in conjunction with the F(50,50) curves of 47 CFR 73.333 (Figure 1) to determine distances to the 70 dBu and 60 dBu contours.



Figure 4 is a tabulation of average elevations and distances to coverage contours. Figure 5 is a map showing the predicted coverage contours.

As the map in Figure 5 shows, the 70 dBu contour will encompass all of Culebra. The Culebra city limits shown were obtained from a map contained in the 1980 Census. The proposed facilities, therefore, comply with 47 CFR 73.315.

FM station WSAN, channel 255B, Vieques, Puerto Rico, is located approximately 2.7 kilometers from the proposed site, however, no receiver-induced intermodulation interference is expected. There are some houses and buildings within the blanketing contour, which extends approximately 1.0 kilometer from the proposed transmitter. Although no problems are expected, the applicant recognizes its responsibility to remedy complaints of blanketing interference as required by 47 CFR 73.318 and to protect existing facilities in accordance with applicable rules.

#### Population and Area

The population to be served within the predicted 60 dBu contour was determined by a computer program which adds the populations of census districts having centroids within the contour. The 1980 census was employed. The land area within the 60 dBu contour was determined by use of a polar planimeter taking into account the appropriate map scale factor. The predicted 60 dBu contour